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INFORMATION DISCLOSURE CITATION

Attorney Docket No.: GC558D1	**Serial No.:** Unassigned
Applicant: Kumar	
Filing Date: Unassigned	**Group:** Unassigned
Page 1 **of** 2	**Date of this Submission:** December 18, 2001

US PATENT DOCUMENTS

Examiner's Initial	Document Number	Date	Name	Class	Sub-Class	Filing Date
mmm	*4,595,659	Jun. 17, 1986	Roland et al.			
	*4,757,012	Jul. 12,1988	Estell et al.			
	*4,758,514	Jul. 10, 1988	Light et al.			
	*4,916,068	Apr. 10, 1990	Roland et al.			
	*5,004,690	Apr. 2, 1991	Light et al.			
mmm	*5,032,514	Jul. 16, 1991	Anderson et al.			

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
mmm	*WO 85/01745	25 April 1985	PCT			
	*WO 87/00863 A	12 Feb 1987	PCT			
mmm	*WO 96/12846	2 May 1996	PCT			

OTHER DOCUMENTS

Examiner's Initials	Author, Title, Date, Pertinent Pages, etc.
mmm	*Bleeg, "L-Ascorbic Acid in Yeast and Isolation of L-Galactono-γ-Lactone Oxidase from the Mitochandria", *Enzymologia acta biocatalytica,* Uitgeverij Dr. W. Junk - Den Haag, 1966 pp.105-112
	*Bleeg, "Biosynthesis of Ascorbate in Yeast", *Eur. J. Biochem,* 127, 391-396 (9182) FEBS 1982
	*Bunton et al., "The Determination of Ascorbic and Erythorbic Acids in Meat Products", *J. Assoc. Publ. Analysts* , 1979, 17, 105,-110
	*Chemical Abstract, V. 84 (5), 2 Feb. 1976, Columbus Ohio, US, Abstract No. 29189, OBATA, YASUO et al: L-Ascorbic acid XP002135678 abstract and JP 50 022113 b (Takeda Chemical Industries, LTD., Japan) 28 July 1975
	*Costamagna et al., "Ascorbic acid specific utilization by some yeasts", *Can. J. Microbiol.* Vol. 32, June 12, 1986, pp 756-758
	*Frey et al., "The Molecular Biology of Inc Q Plasmids", *Replication Proteins of the IncQ Plasmid RSF1010,* pp 79-94
	*Frey et al., "Replication and copy number control of the broad-host-range plasmid RSF1010", *Gene,* 113 (1992) 101-106
	*Grindley et al., "Conversion of Glucose to 2-Keto-L-Gulonate, an Intermediate in L-Acorbate Synthesis, by a Recombinant Strain of Erwinia citreus, *Applied and Environmental Mircrobiology",* July 1988, p. 1770-1775
	*Haller et al., "Enzymatic Synthesis of L-Ascorbic Acid. 3. L-Galactono-Gamma-Lactone Oxidase from Yeasts", *Dechema Biotechnology Conferences,* DE, Weinheim, V. 4, 1 January 1990, pp. 233-236, XP000646759 ISSN: 0934-3792
mmm	*Heick at al., "Occurrence of ascorbic acid in the yeast Lipomyces starkeyi", *Canadian Journal of Biochemistry,* vol., 47, 1969, pp 752-753

Examiner mmm	**Date Considered** 6/12/03

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FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Date	Country	Class	Sub-Class	Translation Yes/No

OTHER DOCUMENTS

Examiner's Initials	Author, Title, Date, Pertinent Pages, etc.
MMM	*Izumi et al., "NADH production from NAD using a Formate Dehydrogenase System with Cells of a Methanol-Utilizing Bacterium", *J. Ferment. Technol.*, vol. 61, No. 2, p. 135-142, 1983
	*Kulbe et al., "Enzyme-Catalyzed Production of Mannitol and Gluconic Acid", *Annals of the New York Academy of Sciences*, volume 506, 1987, pp 552-568
	*Loewus et al., "Conversion of D-Arabinose to D-erythroascorbic Acid and Oxalic Acid in *Sclerotinia Sclerotiorum*," *Biochemical and Biophysical Res. Comm.*, V. 212:1 1995 pp. 196-203
	*Matsushita et al., "Membrane-Bound D-Gluconate Dehydrogenase from Pseudomonas aeruginosa", *J. Biochem*, vol. 85, No.5, pp 1173-1181, 1979
	*McIntire et al., "Identification of the covalently bound flavins of D-gluconate dehydrogenases from Pseudomonas aeruginosa and Pseudomonas fluorescens and of 2-keto-D-gluconate de hydrogenase from Gluconobacter melanogenus", *Biochem.J.*(1985), 231, 651-654
	*Murakawa, et al., "Biosynthesis of D-Erythroascorbic Acid by *Candida*," *Agric. Biol. Chem.*, 41(9), pp. 1799-1800, 1977
	*Neijssel et al., "Physiological Significance and Bioenergetic Aspects of Glucose Dehydrogenase", *Antonie Van Leeuwenhoek*, vol 56, 51-61, 1989
	*Nishikimi et al., "Occurrence in Yeast of L-Galactonolactone Oxidase Which is Similiar to a Key Enzyme for Ascorbic Acid Biosynthesis in Animals, L-Gulonolactone Oxidase", *Archives of Biochemistry and Biophysics*, vol. 191, No.2, December, pp 479-486, 1978
	*Pachla et al., "Determination of Ascorbic Acid in Foodstuffs, Pharmaceuticals, and Body Fluids by Liquid Chromatography with Electrochemical Detection", *Analytical Chemistry*, vol. 48, No.2, February 1976, pp 364-367
	*Saito et al., "Cloning of Genes Coding for L-Sorbose and L-Sorbosone Dehydrogenases from Gluconobacter oxydans and Microbial Production of 2-Keto-L-Gulonate, a Precursor of L-Ascorbic Acid, in a Recombinant G. oxydans Strain", *Applied and Environmental Microbiology*, Feb. 1977, p. 454-460
	*Shinagawa et al., "2-Keto-D-gluconate Dehydrogenase from Gluconobacter melanogenus, Membrane-Bound, *Oxidation-Reduction Enzymes*", *Methods in Enzymology*, vol. 89, pp 194-198, 1991
	*Simons et al., "Aerobic 2-ketogluconate metabolism of Klebsiella pneumoniae NCTC 418 grown in chemostat culture", *Journal of General Microbiology* (1991), 137, 1479-1483
	*Smith at al., Purification and characterization of glucose dehydrogenase from the thermoacidophilic archaebacterium Thermophlasma acidophilum, *Biochem. J.* (1989), 261, 973-977
	*Stoshane et al., "Fermentation of Glucose by Acetobacter melanogenus", *Biotechnology and Bioengineering*, vol. XIX, Pages 459, 465, 1977
	*Takahashi et al., "Ascorbic Acid Analogs as Indirect Products of *Serratia marcescens*," *Agr. Biol. Chem.*, 40 (6), pp. 1255-1256, 1976
MMM	*Truesdell et al., "Pathways for Metabolism of Ketoaldonic Acids in an Erwinia sp.", *Journal of Bacteriology*, Nov. 1991, V. 173:21 pp. 6651-6656

Examiner	MMM	Date Considered	6/13/03

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